


Applicant's Reference: DX01042X

Title of Invention: MAMMALIAN CYTOKINES; RELATED REAGENTS
AND METHODS

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Sequence Listing Statement

The undersigned attorney for applicant hereby declares that the information recorded on the diskette is identical in content to the information in the written Sequence Listing.


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SEQUENCE LISTING

<110> De Waal Malefyt, Rene
 Kastelein, Robert A.
 Lira, Sergio A.
 Narula, Satwant
 Oppmann, Birgit
 Rennick, Donna M.
 Wiekowski, Maria

<120> Mammalian Cytokines; Related Reagents and Methods

<130> DX01042X US

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<150> 09/393,090

<151> 1999-09-09

<150> 60/164,616

<151> 1999-11-10

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<170> PatentIn Ver. 2.1

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<223> Description of Unknown Organism: surmised Homo sapiens

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cca cta gtg gga cac atg gat cta aga gaa gag gga gat gaa gag act 192
 Pro Leu Val Gly His Met Asp Leu Arg Glu Glu Gly Asp Glu Glu Thr
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aca aat gat gtt ccc cat atc cag tgt gga gat ggc tgt gac ccc caa 240
 Thr Asn Asp Val Pro His Ile Gln Cys Gly Asp Gly Cys Asp Pro Gln
 45 50 55

gga ctc agg gac aac agt cag ttc tgc ttg caa agg atc cac cag ggt 288
 Gly Leu Arg Asp Asn Ser Gln Phe Cys Leu Gln Arg Ile His Gln Gly
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ctg att ttt tat gag aag ctg cta gga tcg gat att ttc aca ggg gag 336
 Leu Ile Phe Tyr Glu Lys Leu Leu Gly Ser Asp Ile Phe Thr Gly Glu
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cct tct ctg ctc cct gat agc cct gtg gcg cag ctt cat gcc tcc cta 384
 Pro Ser Leu Leu Pro Asp Ser Pro Val Ala Gln Leu His Ala Ser Leu
 95 100 105

ctg ggc ctc agc caa ctc ctg cag cct gag ggt cac cac tgg gag act 432
 Leu Gly Leu Ser Gln Leu Leu Gln Pro Glu Gly His His Trp Glu Thr
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 Gln Gln Ile Pro Ser Leu Ser Pro Ser Gln Pro Trp Gln Arg Leu Leu
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ctc cgc ttc aaa atc ctt cgc agc ctc cag gcc ttt gtg gct gta gcc 528
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<212> PRT

<213> Unknown Organism

<223> Description of Unknown Organism: surmised Homo sapiens

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Cys Gln Gln Leu Ser Gln Lys Leu Cys Thr Leu Ala Trp Ser Ala His
 15 20 25

Pro Leu Val Gly His Met Asp Leu Arg Glu Glu Gly Asp Glu Glu Thr
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Thr Asn Asp Val Pro His Ile Gln Cys Gly Asp Gly Cys Asp Pro Gln
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Gly Leu Arg Asp Asn Ser Gln Phe Cys Leu Gln Arg Ile His Gln Gly
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Leu Ile Phe Tyr Glu Lys Leu Leu Gly Ser Asp Ile Phe Thr Gly Glu
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gat tgc aga gca gta ata atg cta tgg ctg ttg ccc tgg gtc act cag											166					
Asp Cys Arg Ala Val Ile Met Leu Trp Leu Leu Pro Trp Val Thr Gln																
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Gly Leu Ala Val Pro Arg Ser Ser Ser Pro Asp Trp Ala Gln Cys Gln																
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											5					
											10					
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Gln Leu Ser Arg Asn Leu Cys Met Leu Ala Trp Asn Ala His Ala Pro																
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Asn Asn Val Pro Arg Ile Gln Cys Glu Asp Gly Cys Asp Pro Gln Gly																
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											60					

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Gln	Leu	Ser	Arg	Asn	Leu	Cys	Met	Leu	Ala	Trp	Asn	Ala	His	Ala	Pro	
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Ala	Gly	His	Met	Asn	Leu	Leu	Arg	Glu	Glu	Glu	Asp	Glu	Glu	Thr	Lys	
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aat	aat	gtg	ccc	cgt	atc	cag	tgt	gaa	gat	ggt	tgt	gac	cca	caa	gga	358
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gct ttt tat aag cac ctg ctt gac tct gac atc ttc aaa ggg gag cct 454
Ala Phe Tyr Lys His Leu Leu Asp Ser Asp Ile Phe Lys Gly Glu Pro
      80              85              90

gct cta ctc cct gat agc ccc atg gag caa ctt cac acc tcc cta cta 502
Ala Leu Leu Pro Asp Ser Pro Met Glu Gln Leu His Thr Ser Leu Leu
      95              100             105

gga ctc agc caa ctc ctc cag cca gag gat cac ccc cgg gag acc caa 550
Gly Leu Ser Gln Leu Leu Gln Pro Glu Asp His Pro Arg Glu Thr Gln
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cag atg ccc agc ctg agt tct agt cag cag tgg cag cgc ccc ctt ctc 598
Gln Met Pro Ser Leu Ser Ser Ser Gln Gln Trp Gln Arg Pro Leu Leu
      130              135             140

cgt tcc aag atc ctt cga agc ctc cag gcc ttt ttg gcc ata gct gcc 646
Arg Ser Lys Ile Leu Arg Ser Leu Gln Ala Phe Leu Ala Ile Ala Ala
      145              150             155

cgg gtc ttt gcc cac gga gca gca act ctg act gag ccc tta gtg cca 694
Arg Val Phe Ala His Gly Ala Ala Thr Leu Thr Glu Pro Leu Val Pro
      160              165             170

aca gct taaggatgcc caggttccca tggctaccat gataagacta atctatcagc 750
Thr Ala
    175

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<223> Description of Unknown Organism: surmised Mus sp.

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 Ala Pro Ala Gly His Met Asn Leu Leu Arg Glu Glu Glu Asp Glu Glu
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 Thr Lys Asn Asn Val Pro Arg Ile Gln Cys Glu Asp Gly Cys Asp Pro
 45 50 55
 Gln Gly Leu Lys Asp Asn Ser Gln Phe Cys Leu Gln Arg Ile Arg Gln
 60 65 70 75
 Gly Leu Ala Phe Tyr Lys His Leu Leu Asp Ser Asp Ile Phe Lys Gly
 80 85 90
 Glu Pro Ala Leu Leu Pro Asp Ser Pro Met Glu Gln Leu His Thr Ser
 95 100 105
 Leu Leu Gly Leu Ser Gln Leu Leu Gln Pro Glu Asp His Pro Arg Glu
 110 115 120
 Thr Gln Gln Met Pro Ser Leu Ser Ser Ser Gln Gln Trp Gln Arg Pro
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 Leu Leu Arg Ser Lys Ile Leu Arg Ser Leu Gln Ala Phe Leu Ala Ile
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 35 40 45
 Gln Pro Glu Gly His His Trp Glu Thr Glu Gln Thr Pro Ser Pro Ser
 50 55 60
 Pro Ser Gln Pro Trp Gln Arg Leu Leu Leu Arg Leu Lys Ile Leu Arg
 65 70 75 80
 Ser Leu Gln Ala Phe Val Ala Val Ala Ala Arg Val Phe Ala His Gly

